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(54) Title: PROCESS FOR PREPARING HIGH PURITY TNT

(57) Abstract: A process for preparing trinitrotoluene (TNT) in which toluene is treated with nitric acid having a concentration of about 90% to about 99%, and preferably about 98% to about 99%, by weight at a temperature of less than about 60°C, and preferably less than 30°C, to produce high purity dinitrotoluene. The resulting dinitrotoluene is then treated with nitric acid having a concentration of about 98% to about 99% by weight and trifluoromethane sulfonic acid to produce high purity TNT.